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Patent 7,042,043

PATENT

IN UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No.: 7,042,043

Docket No: 1303.020US1

Issue Date: May 9, 2006

Patentee: Leonard Forbes et al.

Customer No.: 21186

Confirmation No.: 9320

Title PROGRAMMABLE ARRAY LOGIC OR MEMORY DEVICES WITH
ASYMMETRICAL TUNNEL BARRIERSREQUEST FOR CERTIFICATE OF CORRECTIONCommissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
ATTN: CERTIFICATE OF CORRECTION BRANCH

It is requested that a Certificate of Correction be issued correcting printing errors appearing in the above-identified United States patent. Two copies of the text of the Certificate in the suggested form are enclosed.

Pursuant to 1.20(a), enclosed please find a check in the amount of \$100.00.

Issuance of the Certificate of Correction would neither expand nor contract the scope of the claims as properly allowed, and re-examination is not required.

The Examiner is authorized to charge any additional fees or credit overpayment to Deposit Account No.19-0743.

Respectfully Submitted

LEONARD FORBES ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
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Minneapolis, MN 55402
(612) 373-6900

Date:

21 August '06

By:

Timothy B. Chase

Reg. No: 40,957

TBC:sj

08/23/2006 TBESHAN1 00000005 7042043

01 FC:1811

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Certificate

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of Correction

CERTIFICATE UNDER 37 CFR § 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450, on this 23 day of August 2006

Name KATHLEEN E. ROTHEBERSignature Kathleen E. Rotheber

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Leonard Forbes et al.

Examiner: Ho, Tu-Tu

Patent No.: 7,042,043

Group Art Unit: 2818

Issue Date: May 9, 2006

Docket No: 1303.020US1

Title: PROGRAMMABLE ARRAY LOGIC OR MEMORY DEVICES WITH ASYMMETRICAL TUNNEL
BARRIERS

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

ATTN: CERTIFICATE OF CORRECTION BRANCH

We are transmitting herewith the attached:

☒ A check in the amount of \$100.00 to cover the Certificate of Correction fee.

☒ Request for Certificate of Correction.

☒ Certificate of Correction Form - PTO-1050 (in duplicate)

☒ A return postcard.

Please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Customer No: 21186

By: 

Name: Timothy B. Clise

Reg. No. 40,957

TBC:CMG:sj

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria VA 22313-1450, on this 23 day of August 2006.

KATHLEEN E. ROTHROCK

Name



Signature

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,042,043

Page (1) of 3

DATED : May 9, 2006

INVENTOR(S) : Forbes et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the face page, in field (56), under "Other Publications", in column 2, line 5, delete "SiO₂," and insert - - SiO₂, - -, therefor.

On the face page, in field (56), under "Other Publications", in column 2, line 5, after "SiO₂," delete "and".

On the face page, in field (56), under "Other Publications", in column 2, line 5, delete "Al₂O₃," and insert - - Al₂O₃, - -, therefor.

On the face page, in field (56), under "Other Publications", in column 2, line 5, delete "ZrO₃" and insert - - ZrO₃ - -, therefor.

On the face page, in field (56), under "Other Publications", in column 2, line 6, delete "ZrO₂" and insert - - ZrO₂ - -, therefor.

On the face page, in field (56), under "Other Publications", in column 2, line 8, delete "Al₂O₃" and insert - - Al₂O₃ - -, therefor.

In column 1, line 12, delete "Baffler" and insert - - Barrier - -, therefor.

In column 1, line 21, delete "Baffler" and insert - - Barrier - -, therefor.

In column 2, line 57, after "DEVICES"" delete "." and insert - - application serial no. 09/945,514. - -, therefor.

In column 21, lines 39-40, delete "Films," application Serial No.____)." and insert - - Films,)." - -, therefor.

In column 25, line 11, in Claim 1, after "gate;" delete "and".

MAILING ADDRESS OF SENDER:

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Atty Docket No: 1303.020US1

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DATED : May 9, 2006

INVENTOR(S) : Forbes et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 25, line 15, in Claim 1, delete "insulator." and insert - - insulator; and the asymmetrical low tunnel barrier integrate insulator having lower barrier height for an erase operation than for a retention operation. - -, therefor.

In column 25, line 42, in Claim 8, after "with the" insert - - asymmetrical - -.

In column 25, line 62, in Claim 10, delete "formed" and insert - - formed by an electric field - -, therefor.

In column 26, line 11, in Claim 13, after "with the" insert - - asymmetrical - -.

In column 26, line 14, in Claim 14, delete "vertical" and insert - - vertical, depletion mode - -, therefor.

In column 26, line 14, in Claim 14, delete "claim 8," and insert - - claim 10, - -, therefor.

In column 26, line 17, in Claim 15, delete "vertical" and insert - - vertical, depletion mode - -, therefor.

In column 26, line 17, in Claim 15, delete "claim 12," and insert - - claim 14, - -, therefor.

In column 26, line 20, in Claim 16, delete "vertical" and insert - - vertical, depletion mode - -, therefor.

In column 26, line 20, in Claim 16, delete "claim 8," and insert - - claim 10, - -, therefor.

In column 26, line 23, in Claim 17, delete "vertical" and insert - - vertical, depletion mode - -, therefor.

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DATED : May 9, 2006

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 26, line 23, in Claim 17, delete "claim 14," and insert - - claim 16, - -, therefor.

In column 26, line 63, in Claim 23, delete "claim 16," and insert - - claim 18, - -, therefor.

In column 26, line 64, in Claim 23, after "gate" delete "transistor".

In column 26, line 65, in Claim 23, delete "transistor".

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On the face page, in field (56), under "Other Publications", in column 2, line 5, delete "SiO2," and insert - - SiO₂ - -, therefor.

On the face page, in field (56), under "Other Publications", in column 2, line 5, after "SiO2," delete "and".

On the face page, in field (56), under "Other Publications", in column 2, line 5, delete "Al2O3," and insert - - Al₂O₃ - -, therefor.

On the face page, in field (56), under "Other Publications", in column 2, line 5, delete "ZrO3" and insert - - ZrO₃ - -, therefor.

On the face page, in field (56), under "Other Publications", in column 2, line 6, delete "ZrO2" and insert - - ZrO₂ - -, therefor.

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In column 25, line 11, in Claim 1, after "gate," delete "and".

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